



Diabetes Research and Clinical Practice 37 (1997) 199-200

## Author index

Volume 37 (1997)

Aguilar Diosdado, M., see Rattarasarn, C. 37, 193 Ambrosi, F., see Gregorio, F. 37, 21 Anichini, R., see Seghieri, G. 37, 15 Armstrong, D.G., see Lavery, L.A. 37, 41

Ashry, H.R., see Lavery, L.A. 37, 41

Ashwell, S., see Samaras, K. 37, 121

Bacardi-Gascon, M., see Peña-Valdovinos, A. 37, 179
Bache, I., K.H. Jørgensen, K. Buschard, Failure of high-dose insulin treatment to increase β-cell insulin content in diabetic non obese diabetic (NOD) mice 37, 9

Bennardini, F., see Seghieri, G. 37, 15

Berger, W., see Langewitz, W. 37, 157

Bergström, A., see Wikblad, K. 37, 185

Buschard, K., see Bache, I. 37, 9

Campbell, L.V., see Samaras, K. 37, 121

Casamitjana, R., see Rodríguez-Villar, C. 37, 145

Chakrabarti, S., A.A.F. Sima, Endothelin-1 and endothelin-3-like immunoreactivity in the eyes of diabetic and non-diabetic BB/W rats. 37, 109

Cheung, S.S.C., see Tze, W.J. 37, 149

Chisholm, D.J., see Samaras, K. 37, 121

Ciuti, M., see Seghieri, G. 37, 15

Conget, I., see Rodríguez-Villar, C. 37, 145

Deutsch, K., see Simmons, R.W. 37, 137

Donnelly, R., L. Molyneaux, M. McGill, D.K. Yue, Detection and treatment of hypertension in patients with non-insulindependent diabetes mellitus: Does the 'rule of halves' apply to a diabetic population? 37, 35

Filipponi, P., see Gregorio, F. 37, 21

Fisher, E.J., see McAuliffe, A.V. 37, 101

Fleury, A.C., see Samaras, K. 37, 121

Franconi, F., see Seghieri, G. 37, 15

Gironi, A., see Seghieri, G. 37, 15

Gomis, R., see Rodríguez-Villar, C. 37, 145

Gregorio, F., F. Ambrosi, S. Manfrini, A. Santucci, P. Filip-

poni, Meformin, plasma glucose and free fatty acids in type II diabetic out-patients: results of a clinical study 37, 21 Gui, T., see Nishimura, C. 37, 173

Harkless, L.B., see Lavery, L.A. 37, 41 Hayakawa, M., see Nishimura, C. 37, 173

Hotta, Y., see Nishimura, C. 37, 173

Ichikawa, F., see Yuan, X. 37, 1

Ihm, S.-H., see Park, S.-W. 37, 165 Iseli, J., see Langewitz, W. 37, 157

Ishikawa, T., see Nishimura, C. 37, 173

Ishiyama, S., see Yuan, X. 37, 1

Ishizawa, M., see Ishizuka, T. 37, 49

Ishizuka, T., T. Nagashima, K. Kajita, M. Yamamoto, H. Wada, S. Itaya, K. Yamada, A. Miura, Y. Kanoh, M. Ishizawa, K. Yasuda, Acute effects of phorbol ester and insulin on insulin-induced glucose uptake and protein kinase C activation in rat adipocytes 37, 49

Itaya, S., see Ishizuka, T. 37, 49

Jiménez-Cruz, A., see Peña-Valdovinos, A. 37, 179 Jørgensen, K.H., see Bache, I. 37, 9

Kajita, K., see Ishizuka, T. 37, 49

Kanai, A., see Nishimura, C. 37, 173

Kanoh, Y., see Ishizuka, T. 37, 49

Kessi, J., see Wikblad, K. 37, 185

Koyama, K.-i., see Yuan, X. 37, 1

Koyama, W., see Yuan, X. 37, 1

Koyanagi, A., see Yuan, X. 37, 1

Langewitz, W., B. Wössmer, J. Iseli, W. Berger, Psychological and metabolic improvement after an outpatient teaching program for functional intensified insulin therapy (FIT) 37, 157

Lavery, L.A., W.H. van Houtum, D.G. Armstrong, L.B. Harkless, H.R. Ashry, S.C. Walker, Mortality following lower extremity amputation in minorities with diabetes mellitus 37, 41

Lee, K.-U., see Park, S.-W. 37, 165 Leyva-Pacheco, R., see Peña-Valdovinos, A. 37, 179

Mackintosh, A.-M., see Samaras, K. 37, 121

Manfrini, S., see Gregorio, F. 37, 21

Manzanares, J.M., see Rodríguez-Villar, C. 37, 145

McAuliffe, A.V., E.J. Fisher, S.V. McLennan, D.K. Yue, J.R. Turtle, High glucose inhibits effect of ascorbic acid on [35S] sulphate incorporation in mesangial cell and matrix proteoglycan 37, 101

McGill, M., see Donnelly, R. 37, 35

McLennan, S.V., see McAuliffe, A.V. 37, 101

Miura, A., see Ishizuka, T. 37, 49

Molyneaux, L., see Donnelly, R. 37, 35

Mugusi, F., see Wikblad, K. 37, 185

Nagashima, T., see Ishizuka, T. 37, 49

Nawata, H., see Noda, K. 37, 129

Nishimura, C., Y. Hotta, T. Gui, A. Seko, Takuro Fujimaki, T. Ishikawa, M. Hayakawa, A. Kanai, T. Saito, The level of erythrocyte aldose reductase is associated with the severity of diabetic retinopathy 37, 173

Noda, K., F. Umeda, H. Nawata, Effect of acarbose on glucose intolerance in patients with non-insulin-dependent diabetes mellitus 37, 129

Nonaka, K., see Yuan, X. 37, 1

Omura, S., see Takeuchi, F. 37, 81

Park, J.Y., see Park, S.-W. 37, 165

Park, S.-W., S.-H. Ihm, H.J. Yoo, J.Y. Park, K.-U. Lee, Differential effects of ambient blood glucose level and degree of obesity on basal serum C-peptide level and the C-peptide response to glucose and glucagon in non-insulindependent diabetes mellitus 37, 165

Peña-Valdovinos, A., A. Jiménez-Cruz, R. Leyva-Pacheco, M. Bacardi-Gascon, Metabolic control in diabetic patients at the primary care level in México 37, 179

Rattarasarn, C., M. Aguilar Diosdado, S. Soonthornpun, Glutamic acid decarboxylase antibodies in non-insulin-dependent diabetes patients with secondary sulfonylurea failure in Thailand 37, 193

Richardson, C., see Simmons, R.W. 37, 137

Rodríguez-Villar, C., I. Conget, R. Casamitjana, J. Vidal, J.M. Manzanares, R. Gomis, High proinsulin levels in late PRE-IDDM stage 37, 145

Roth, R.A., see Takeuchi, F. 37, 81

Saito, T., see Nishimura, C. 37, 173

Samaras, K., S. Ashwell, A.-M. Mackintosh, A.C. Fleury,
L.V. Campbell, D.J. Chisholm, Will older sedentary people with non-insulin-dependent diabetes mellitus start exercising?: A health promotion model 37, 121

Santucci, A., see Gregorio, F. 37, 21

Sato, H., N. Shiina, Effect of an α-glucosidase inhibitor on glomerular basement membrane anionic sites in streptozotocin induced mildly diabetic rats 37, 91

Seghieri, G., R. Anichini, M. Ciuti, A. Gironi, F. Bennardini, F. Franconi, Raised erythrocyte polyamine levels in non-insulin-dependent diabetes mellitus with great vessel disease and albuminuria 37, 15

Seko, A., see Nishimura, C. 37, 173

Seta, K.A., see Takeuchi, F. 37, 81

Shiina, N., see Sato, H. 37, 91

Sima, A.A.F., see Chakrabarti, S. 37, 109

Simmons, R.W., C. Richardson, K. Deutsch, Limited joint mobility of the ankle in diabetic patients with cutaneous sensory deficit 37, 137

Smide, B., see Wikblad, K. 37, 185

Soonthornpun, S., see Rattarasarn, C. 37, 193

Tai, J., see Tze, W.J. 37, 149

Takeuchi, F., K.A. Seta, S. Omura, R.A. Roth, Insulin degradation by Madin-Darby canine kidney cells expressing the insulin receptor 37, 81

Takuro Fujimaki, see Nishimura, C. 37, 173

Turtle, J.R., see McAuliffe, A.V. 37, 101

Tze, W.J., J. Tai, S.S.C. Cheung, Prolongation of pig islet xenograft survival in rats immunosuppressed with FK506 37, 149

Umeda, F., see Noda, K. 37, 129

van Houtum, W.H., see Lavery, L.A. 37, 41 Vidal, J., see Rodríguez-Villar, C. 37, 145

Wada, H., see Ishizuka, T. 37, 49

Walker, S.C., see Lavery, L.A. 37, 41

Wikblad, K., B. Smide, A. Bergström, J. Kessi, F. Mugusi, Outcome of clinical foot examination in relation to self-perceived health and glycaemic control in a group of urban Tanzanian diabetic patients 37, 185

Wössmer, B., see Langewitz, W. 37, 157

Yamada, K., see Ishizuka, T. 37, 49

Yamada, K., see Yuan, X. 37, 1

Yamamoto, M., see Ishizuka, T. 37, 49

Yasuda, K., see Ishizuka, T. 37, 49

Yoo, H.J., see Park, S.-W. 37, 165

Yuan, X., K. Yamada, K.-i. Koyama, F. Ichikawa, S. Ishiyama, A. Koyanagi, W. Koyama, K. Nonaka,  $\beta_3$ -adrenergic receptor gene polymorphism is not a major genetic determinant of obesity and diabetes in Japanese general population 37, 1

Yue, D.K., see Donnelly, R. 37, 35

Yue, D.K., see McAuliffe, A.V. 37, 101

Diabetes Research and Clinical Practice 37 (1997) 201-203

## Subject index

Volume 37 (1997)

Acarbose; Non-insulin-dependent diabetes mellitus; Glucose tolerance; Principal component analysis; Insulin resistance 37, 129

Adipocytes; Insulin; Protein kinase C; Phorbol ester 37, 49

 $\beta_3$ -adrenergic receptor; Obesity; Impaired glucose tolerance; Visceral fat 37, 1

**African-American**; Diabetes; Amputation; Mortality; Hispanic; Race 37, 41

**Albuminuria**; Polyamines; Non-insulin-dependent diabetes mellitus; Macroangiopathy 37, 15

**Amputation**; Diabetes; Mortality; African-American; Hispanic; Race 37, 41

Angiopathy; Diabetic foot; Neuropathy; Foot ulcer; Tanzania 37, 185

Anionic sites;  $\alpha$ -glucosidase inhibitor; Streptozotocin; Nephropathy; Urine albumin 37, 91

**Ankle**; Limited joint mobility; Flexibility; Diabetes; Cutaneous deficit 37, 137

Anti-diabetic activity; Metformin; FFA; Bed-time administration 37, 21

Antihypertensive treatment; Non-insulin-dependent diabetes mellitus; Hypertension; Blood pressure control 37, 35

Ascorbic acid; Glucose; Mesangial cells; Mesangium matrix; Proteoglycan 37, 101

BB-rat; Endothelin-1; Endothelin-3; Eye; Diabetes 37, 109

**Bed-time administration**; Metformin; FFA; Anti-diabetic activity **37**, 21

**Blood glucose**; C-peptide; Non-insulin-dependent diabetes mellitus; Body mass index; Fasting serum glucose 37, 165

**Blood pressure control**; Non-insulin-dependent diabetes mellitus; Hypertension; Antihypertensive treatment 37, 35

**Body mass index**; Blood glucose; C-peptide; Non-insulin-dependent diabetes mellitus; Fasting serum glucose 37, 165

β-cells; NOD-mice; IDDM; Insulin 37, 9

**C-peptide**; Blood glucose; Non-insulin-dependent diabetes mellitus; Body mass index; Fasting serum glucose **37**, 165

Cutaneous deficit; Limited joint mobility; Flexibility; Diabetes; Ankle 37, 137

Degradation; Kidney; Insulin 37, 81

Diabetes; Amputation; Mortality; African-American; Hispanic; Race 37, 41

Diabetes; Endothelin-1; Endothelin-3; Eye; BB-rat 37, 109

**Diabetes**; Limited joint mobility; Flexibility; Cutaneous deficit; Ankle 37, 137

**Diabetes mellitus**; Metabolic control; Primary care level **37**, 179

**Diabetic foot**; Neuropathy; Angiopathy; Foot ulcer; Tanzania 37, 185

**Diabetic retinopathy**; Erythrocyte aldose reductase; Risk factor; Non-insulin-dependent diabetes mellitus 37, 173

**Doctor-patient-relationship**; Intensified insulin therapy; Functional insulin therapy; Metabolic effects; Psychological effects; Quality of life 37, 157

Endothelin-3; Endothelin-1; Eye; BB-rat; Diabetes 37, 109

Endothelin-1; Endothelin-3; Eye; BB-rat; Diabetes 37, 109

Erythrocyte aldose reductase; Risk factor; Diabetic retinopathy; Non-insulin-dependent diabetes mellitus 37, 173

Exercise initiation; Older people; Health promotion; Glycaemic control; Lipids 37, 121

Eye; Endothelin-1; Endothelin-3; BB-rat; Diabetes 37, 109

Fasting serum glucose; Blood glucose; C-peptide; Non-insulindependent diabetes mellitus; Body mass index 37, 165

FFA; Metformin; Anti-diabetic activity; Bed-time administration 37, 21

FK506; Pig islets; Xenotransplantation; Rat; Immunohistochemistry 37, 149

**Flexibility**; Limited joint mobility; Diabetes; Cutaneous deficit; Ankle 37, 137

Foot ulcer; Diabetic foot; Neuropathy; Angiopathy; Tanzania 37, 185

Functional insulin therapy; Intensified insulin therapy; Metabolic effects; Psychological effects; Quality of life; Doctor-patient-relationship 37, 157

Glucose; Ascorbic acid; Mesangial cells; Mesangium matrix; Proteoglycan 37, 101

Glucose tolerance; Acarbose; Non-insulin-dependent diabetes mellitus; Principal component analysis; Insulin resistance 37, 129

**α-glucosidase inhibitor**; Streptozotocin; Nephropathy; Urine albumin; Anionic sites **37**, 91

**Glutamic acid decarboxylase antibodies**; Non-insulin-dependent diabetes; Insulin-dependent diabetes **37**, 193

**Glycaemic control**; Exercise initiation; Older people; Health promotion; Lipids 37, 121

**Health promotion**; Exercise initiation; Older people; Glycaemic control; Lipids 37, 121

Hispanic; Diabetes; Amputation; Mortality; African-American; Race 37, 41

**Hypertension**; Non-insulin-dependent diabetes mellitus; Blood pressure control; Antihypertensive treatment 37, 35

**IDDM**; NOD-mice; Insulin;  $\beta$ -cells 37, 9

**Immunohistochemistry**; Pig islets; Xenotransplantation; Rat; FK 506 37, 149

Impaired glucose tolerance;  $\beta_3$ -adrenergic receptor; Obesity; Visceral fat 37, 1

Insulin; Adipocytes; Protein kinase C; Phorbol ester 37, 49

Insulin; Degradation; Kidney 37, 81

**Insulin-dependent diabetes**; Glutamic acid decarboxylase antibodies; Non-insulin-dependent diabetes **37**, 193

Insulin; NOD-mice; IDDM;  $\beta$ -cells 37, 9

**Insulin resistance**; Acarbose; Non-insulin-dependent diabetes mellitus; Glucose tolerance; Principal component analysis 37, 129

Insulin; Type 1 prediabetes; Proinsulin 37, 145

Intensified insulin therapy; Functional insulin therapy; Metabolic effects; Psychological effects; Quality of life; Doctor-patient-relationship 37, 157

Kidney; Degradation; Insulin 37, 81

**Limited joint mobility**; Flexibility; Diabetes; Cutaneous deficit; Ankle 37, 137

**Lipids**; Exercise initiation; Older people; Health promotion; Glycaemic control 37, 121

Macroangiopathy; Polyamines; Non-insulin-dependent diabetes mellitus; Albuminuria 37, 15

Mesangial cells; Ascorbic acid; Glucose; Mesangium matrix; Proteoglycan 37, 101

Mesangium matrix; Ascorbic acid; Glucose; Mesangial cells; Proteoglycan 37, 101

Metabolic control; Diabetes mellitus; Primary care level 37,

Metabolic effects; Intensified insulin therapy; Functional insulin therapy; Psychological effects; Quality of life; Doctor-patient-relationship 37, 157

Metformin; FFA; Anti-diabetic activity; Bed-time administration 37, 21

Mortality; Diabetes; Amputation; African-American; Hispanic; Race 37, 41

Nephropathy;  $\alpha$ -glucosidase inhibitor; Streptozotocin; Urine albumin; Anionic sites 37, 91

Neuropathy; Diabetic foot; Angiopathy; Foot ulcer; Tanzania 37, 185

**NOD-mice**; IDDM; Insulin;  $\beta$ -cells 37, 9

Non-insulin-dependent diabetes; Glutamic acid decarboxylase antibodies; Insulin-dependent diabetes 37, 193

Non-insulin-dependent diabetes mellitus; Acarbose; Glucose tolerance; Principal component analysis; Insulin resistance 37, 129

Non-insulin-dependent diabetes mellitus; Blood glucose; C-peptide; Body mass index; Fasting serum glucose 37, 165

Non-insulin-dependent diabetes mellitus; Erythrocyte aldose reductase; Risk factor; Diabetic retinopathy 37, 173

Non-insulin-dependent diabetes mellitus; Hypertension; Blood pressure control; Antihypertensive treatment 37, 35

Non-insulin-dependent diabetes mellitus; Polyamines; Macroangiopathy; Albuminuria 37, 15

**Obesity**;  $\beta_3$ -adrenergic receptor; Impaired glucose tolerance; Visceral fat 37, 1

**Older people**; Exercise initiation; Health promotion; Glycaemic control; Lipids 37, 121

Phorbol ester; Adipocytes; Insulin; Protein kinase C 37, 49

**Pig islets**; Xenotransplantation; Rat; FK506; Immunohistochemistry 37, 149

**Polyamines**; Non-insulin-dependent diabetes mellitus; Macroangiopathy; Albuminuria 37, 15

**Primary care level**; Diabetes mellitus; Metabolic control 37, 179

**Principal component analysis**; Acarbose; Non-insulin-dependent diabetes mellitus; Glucose tolerance; Insulin resistance 37, 129

Proinsulin; Type 1 prediabetes; Insulin 37, 145

Protein kinase C; Adipocytes; Insulin; Phorbol ester 37, 49

**Proteoglycan**; Ascorbic acid; Glucose; Mesangial cells; Mesangium matrix 37, 101

**Psychological effects**; Intensified insulin therapy; Functional insulin therapy; Metabolic effects; Quality of life; Doctor-patient-relationship 37, 157

Quality of life; Intensified insulin therapy; Functional insulin therapy; Metabolic effects; Psychological effects; Doctor-patient-relationship 37, 157

Race; Diabetes; Amputation; Mortality; African-American; Hispanic 37, 41

Rat; Pig islets; Xenotransplantation; FK506; Immunohistochemistry 37, 149

**Risk factor**; Erythrocyte aldose reductase; Diabetic retinopathy; Non-insulin-dependent diabetes mellitus 37, 173

Streptozotocin;  $\alpha$ -glucosidase inhibitor; Nephropathy; Urine albumin; Anionic sites 37, 91

**Tanzania**; Diabetic foot; Neuropathy; Angiopathy; Foot ulcer 37, 185

Type 1 prediabetes; Insulin; Proinsulin 37, 145

Urine albumin;  $\alpha$ -glucosidase inhibitor; Streptozotocin; Nephropathy; Anionic sites 37, 91

**Visceral fat**;  $\beta_3$ -adrenergic receptor; Obesity; Impaired glucose tolerance 37, 1

Xenotransplantation; Pig islets; Rat; FK506; Immunohistochemistry 37, 149

